

Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

pMXs-Klf4-IP

RRID:Addgene_15920

Type: Plasmid

Proper Citation

RRID:Addgene_15920

Plasmid Information

URL: <http://www.addgene.org/15920>

Proper Citation: RRID:Addgene_15920

Insert Name: Kruppel-like factor 4 (gut)

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16904174](#)

Vector Backbone Description: Backbone Size:6100; Vector Backbone:pMXs-IP; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: The sequence of primer pMX-S1811 is GAC GGC ATC GCA GCT TGG ATA CAC.

Plasmid Name: pMXs-Klf4-IP

Relevant Mutation: None

Record Creation Time: 20220422T221902+0000

Record Last Update: 20260815T080827+0000

Ratings and Alerts

No rating or validation information has been found for pMXs-Klf4-IP.

No alerts have been found for pMXs-Klf4-IP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Katoku-Kikyo N, et al. (2023) The circadian regulator PER1 promotes cell reprogramming by inhibiting inflammatory signaling from macrophages. PLoS biology, 21(12), e3002419.

Satoh TK, et al. (2020) IL-36?? drives skin toxicity induced by EGFR/MEK inhibition and commensal Cutibacterium acnes. The Journal of clinical investigation, 130(3), 1417.

Xiong X, et al. (2018) KLF4, A Gene Regulating Prostate Stem Cell Homeostasis, Is a Barrier to Malignant Progression and Predictor of Good Prognosis in Prostate Cancer. Cell reports, 25(11), 3006.

Nakajima K, et al. (2016) Gs-coupled GPCR signalling in AgRP neurons triggers sustained increase in food intake. Nature communications, 7, 10268.

Kim SI, et al. (2015) KLF4 N-terminal variance modulates induced reprogramming to pluripotency. Stem cell reports, 4(4), 727.

Cheng EC, et al. (2014) PIWI proteins are dispensable for mouse somatic development and reprogramming of fibroblasts into pluripotent stem cells. PloS one, 9(9), e97821.

Yi L, et al. (2012) Multiple roles of p53-related pathways in somatic cell reprogramming and stem cell differentiation. Cancer research, 72(21), 5635.